Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 19 Aug 2023 until 23:59 on Sunday 20 Aug 2023

Forecast Issued on Saturday 19 Aug 2023 at 03:38

Confidence: High confidence for strong winds into Saturday. Low confidence for Tuesday due to a narrow band of rain and cloud in the area.

Headline for Saturday 19 Aug 2023: Windy with extensive cloud, brightening up later.

Mountain weather hazards on Saturday 19 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	20%	20%	10%	10%	10%

Forecast for Saturday 19 Aug 2023

Weather: Windy and extensively cloudy at first, with the chance of a few drizzly showers in the west. This cloud should very gradually lift and thin through the day, eventually revealing some late sunny intervals that may just prompt the odd fleeting shower, although the emphsis by this time should be drier, less windy weather.

Chance of cloud-free hill tops above 600m: 40% increasing 90%

Low cloud and visibility: Early cloud around the higher tops, particularly around showers, but lifting clear by late morning. Poor visibility in any cloud covering hills, and in drizzly showers, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 19 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/41 S	28/35 SW	25/34 SW	25/33 SW	21/28 SW	17/25 SW	18/27 SW
300	22/30 S	22/29 SW	21/30 SW	19/28 SW	15/23 SW	13/21 SW	14/24 SW
Valley	13/30 S	15/29 SW	15/29 SW	14/28 SW	11/23 SW	6/18 SW	8/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/8	13/9	16/11	16/11	15/11	13/10	12/9
300	15/11	16/12	18/14	19/15	18/15	16/14	14/12
Valley	15/13	17/14	19/16	19/16	18/16	16/15	15/13
Freezing Level*	2600m	2400m	2800m	2600m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height, making walking arduous. Watercourses may be swollen and paths are likely to be slippery after overnight rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 19 Aug 2023	5.8mm	5.8mm	6mm

Forecast for Sunday 20 Aug 2023

Weather: Occasional showers overnight Saturday into Sunday, but becoming largely dry by Sunday afternoon, with just the odd shower possible. Brighter, with sunny spells. Still quite breezy over higher ground, but much less windy than Saturday.

Maximum wind: Southwesterly 20 mph gusting 30 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Fairly extensive cloud base around 600m at first, rising above the summits by the middle of the day and breaking up somewhat into the afternoon.

Temperature: **Valleys:** Plus 14 Celsius becoming plus 20 Celsius
At 600m: Plus 11 Celsius becoming plus 17 Celsius
Freezing level: Above the summits

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